

JAVA.IO.STRINGWRITER CLASS

http://www.tutorialspoint.com/java/io/java_io_stringwriter.htm

Copyright © tutorialspoint.com

Introduction

The **java.util.StringWriter** class is a character stream that collects its output in a string buffer, which can then be used to construct a string. Closing a StringWriter has no effect. The methods in this class can be called after the stream has been closed without generating an IOException.

Class declaration

Following is the declaration for **java.util.StringWriter** class:

```
public class StringWriter  
    extends Writer
```

Field

Following are the fields for **java.util.StringWriter** class:

- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	StringWriter() This creates a new string writer using the default initial string-buffer size.
2	StringWriter(int initialSize) This creates a new string writer using the specified initial string-buffer size.

Class methods

S.N.	Method & Description
1	<u>StringWriter append(char c)</u> This method appends the specified character to this writer.
2	<u>StringWriter append(CharSequence csq)</u> This method appends the specified character sequence to this writer.
3	<u>StringWriter append(CharSequence csq, int start, int end)</u> This method appends a subsequence of the specified character sequence to this writer.
4	<u>void close()</u> Closing a StringWriter has no effect.
5	<u>void flush()</u> This method flush the stream.

6	<u>StringBuffer getBuffer()</u> This method return the string buffer itself.
7	<u>String toString()</u> This method return the buffer's current value as a string.
8	<u>void write(char[] cbuf, int off, int len)</u> This method write a portion of an array of characters.
9	<u>void write(int c)</u> This method write a single character.
10	<u>void write(String str)</u> This method writes a string.
11	<u>void write(String str, int off, int len)</u> This method writes a portion of a string.

Methods inherited

This class inherits methods from the following classes:

- java.util.Writer
- java.util.Object